HEALTHY

CONVENIENT

ON-TIME

SUSTAINABLE

TRANSPORTATION Throughout the San Diego Region

SB 375 and Sustainable Communities Strategy

What is Senate Bill 375?

- **All eyes on SANDAG as it becomes first in CA to adopt Regional Transportation Plan update under SB 375**

- **Reduce regional Green House Gases related to transportation by reducing Vehicle Miles Traveled**

- **Requires a new Sustainable Communities Strategy (SCS), encouraging more compact development near urban and transit centers.**

GREENHOUSE GAS EMISSIONS

Business as Usual= Increase in GhG

AB 32 requires 1990 levels by 2020

S-3-05 requires 80% below 1990 levels by 2050

Source: USD EPIC, US EPA

How does Transportation fit in?

33%
Portion of national GHG emissions from transportation

46%
Portion of San Diego County GHG Emissions from transportation

89%
Portion of San Diego Automobile GHG emissions from passenger vehicles

What are the GhG reduction Targets for San Diego?

- 7% by 2020

- 13% by 2035

Are we meeting these targets?

The 2050 projections

- 300,000 new jobs
- 400,000 new housing units
- 1.3 million people.

- What if ALL of those people have CARS?

- We would need the equivalent of 27 sq miles of new parking spaces!
- Think all of Balboa Park and Mission Bay- paved.

STRATEGIES FOR LIMITING VMT

- **Transportation Demand Management (TDM):**
  - Telecommuting, rideshare, vanpool, carpool
- **Pricing:**
  - Congestion Pricing, and Parking Pricing
- **Systems Development:**
  - Expand transit system and
  - Bicycle/pedestrian network
- **Land Use:**

  Compact urban development

SANDAG Smart Growth Concept Map:

- *Identifies areas with existing, planned, and potential smart growth areas.*

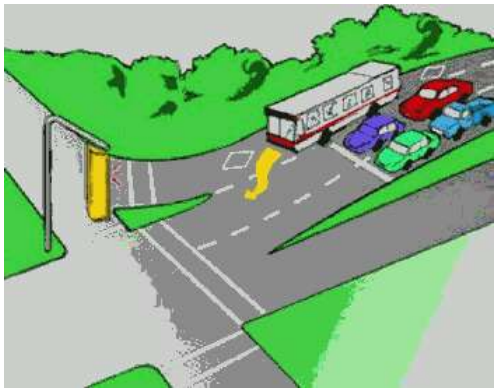
- *Contains almost 200 locations in seven smart growth categories including: Metropolitan Center, Urban Centers, Town Centers, Community Centers, Rural Villages, Mixed Use Transit Corridors, and Special Use Centers.*

Move San Diego
Transit Planning Principles:

- Apply Global Best Practices
- Apply Market Research Findings
- Increase Network Connectivity
- Provide Trip Times Competitive With Cars
- Provide a Desirable Customer Experience

Apply Global Best Practices

TransMileno BRT in Bogotá



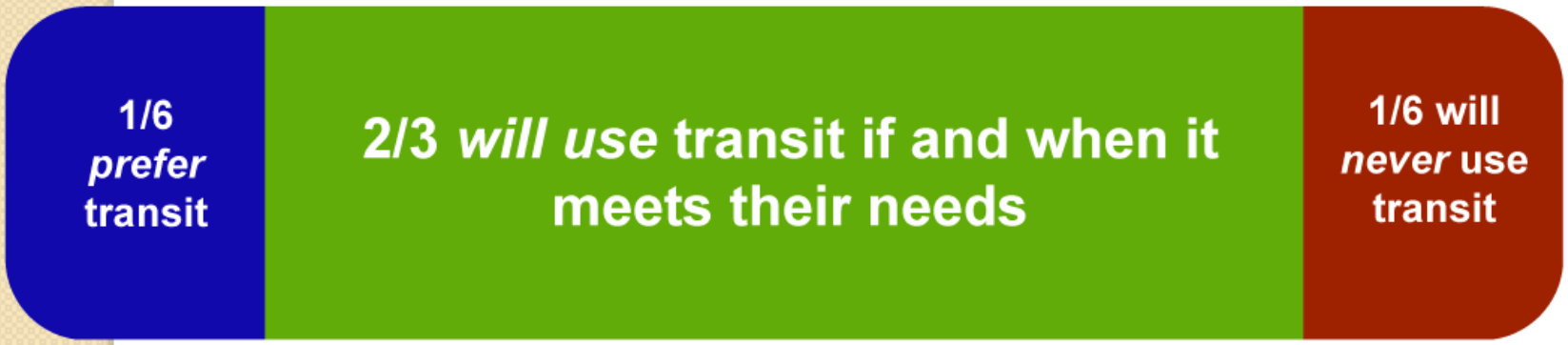
Signal Prioritization

BRT QuickWay in Brisbane

Dedicated busway in Roune, France

Apply Market Research Findings to Transit

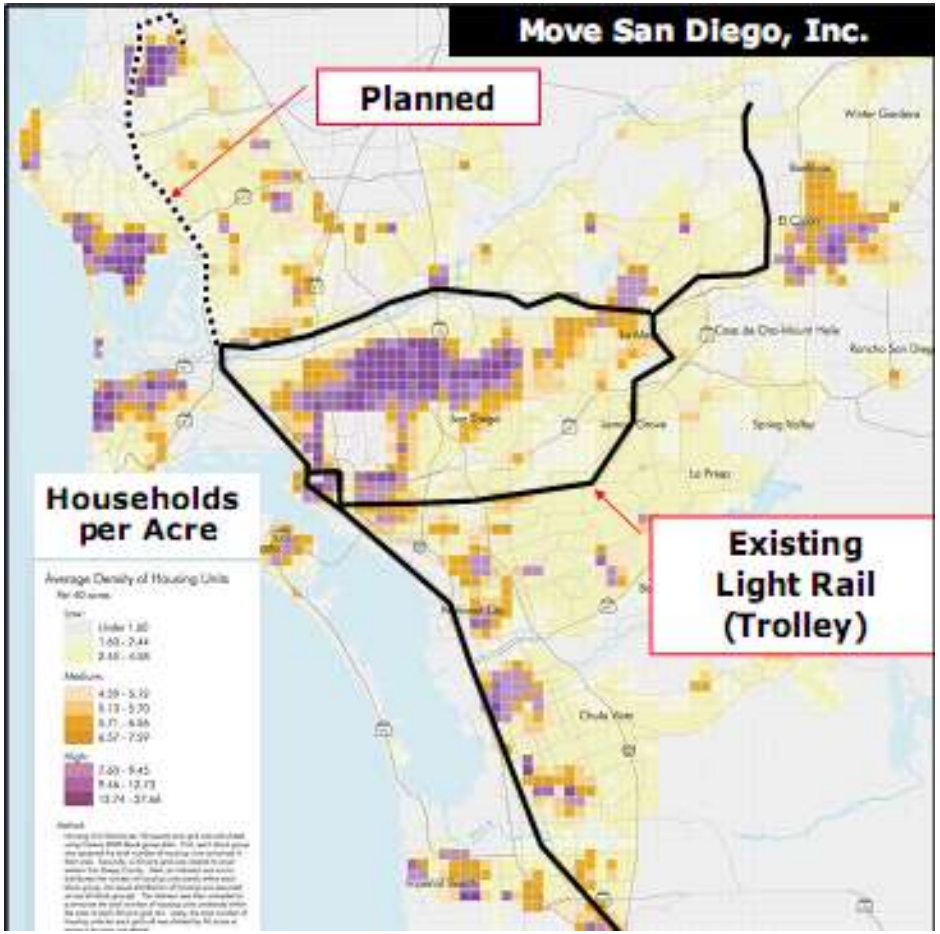
- Adapt transit to local needs
- Identify obstacles and enticements to transit riders



Increase Network Connectivity

Rapid transit routes between:

- Employment centers
- Dense neighborhoods
- Shopping centers
- Hospitals



Provide Trip Times Competitive with Driving

Reduction in trip times

- Increases transit ridership
- Decreases operating costs

Bus passing traffic

Las Vegas MAX BRT Bus

Provide a Desirable Customer Experience

Improved Customer Experience

- Easier to use transit
- Convenient transit
- Safe and secure stations

Electronic Signs with arrival departure times

Innovative vehicles and stations

FAST PLAN

Quickway Entering Station

Median T-Way

FAST Plan Infrastructure